

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: WILLIAM MARK HIATT AND  
WARREN FARNWORTH

FILED: CONCURRENTLY HEREWITH

FOR: **MICROELECTRONIC DEVICE PACKAGES  
AND METHODS FOR CONTROLLING THE  
DISPOSITION OF NON-CONDUCTIVE  
MATERIALS ON SUCH PACKAGES**

**Information Disclosure Statement Within Three Months of  
Application Filing or Before First Action – 37 C.F.R. § 1.97(b)**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 C.F.R. § 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

- ☒ Copies of the following references can be found in parent U.S. Application No. 10/190,019:
- ☒ All cited references
  - ☐ References marked by asterisks
  - ☐ The following:

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that

any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due because this Information Disclosure Statement is being filed before the mailing date of the first Office Action.

☐ Applicant further submits that no fee is due in light of the following certification under 37 C.F.R. § 1.97(e) (check only one):

☐ In accordance with 37 C.F.R. § 1.97(e)(1), the undersigned hereby states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or

☐ In accordance with 37 C.F.R. § 1.97(e)(2), the undersigned hereby states that no item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of this statement.

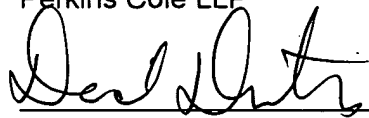
However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 C.F.R. § 1.704(d))

☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Date: November 3, 2003

Respectfully submitted,  
Perkins Coie LLP



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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	
				Confirmation Number	
				Filing Date	November 3, 2003
				First Named Inventor	William Mark Hiatt
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket No.	108298657US1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		5,126,829		Daikoku et al.	06/30/1992	
		5,249,100		Satoh et al.	09/28/1993	
		5,251,100		Fujita et al.	10/05/1993	
		5,515,912		Daikoku et al.	05/14/1996	
		5,586,004		Green et al.	12/17/1996	
		5,677,566		King et al.	10/14/1997	
		5,774,334		Kawamura et al.	06/30/1998	
		5,866,953		Akram et al.	02/02/1999	
		5,891,753		Akram	04/06/1999	
		5,898,224		Akram	04/27/1999	
		5,920,768		Shintai	07/06/1999	
		5,933,713		Farnworth	08/03/1999	
		5,989,941		Wensel	11/23/1999	
		6,037,658		Brodsky et al.	03/14/2000	
		6,046,496		Corisis et al.	04/04/2000	
		6,048,744		Corisis et al.	04/11/2000	
		6,048,755		Jiang et al.	04/11/2000	
		6,049,125		Brooks et al.	04/11/2000	
		6,072,233		Corisis et al.	06/06/2000	
		6,075,288		Akram	06/13/2000	
		6,081,429		Barrett	06/27/2000	
		6,097,087		Farnworth et al.	08/01/2000	
		6,107,122		Wood et al.	08/22/2000	
		6,118,179		Farnworth et al.	09/12/2000	
		6,122,171		Akram et al.	09/19/2000	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	

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		NUMBER	Kind Code (if known)			
		6,148,509		Schoenfeld et al.	11/21/2000	
		6,153,924		Kinsman	11/28/2000	
		6,159,764		Kinsman et al.	12/12/2000	
		6,163,956		Corisis	12/26/2000	
		6,180,504	B1	Farnworth et al.	01/30/2001	
		6,180,527	B1	Farnworth et al.	01/30/2001	
		6,208,519	B1	Jiang et al.	03/27/2001	
		6,215,175	B1	Kinsman	04/10/2001	
		6,252,772	B1	Allen	06/26/2001	
		6,303,981	B1	Moden	10/16/2001	
		6,310,288	B1	Moden	10/30/2001	
		6,310,390	B1	Moden	10/30/2001	
		6,314,639	B1	Corisis	11/13/2001	
		6,326,242	B1	Brooks et al.	12/04/2001	
		6,326,687	B1	Corisis	12/04/2001	
		6,329,222	B1	Corisis et al.	12/11/2001	
		6,337,513	B1	Clevenger et al.	01/08/2002	
		6,344,976	B1	Schoenfeld et al.	02/05/2002	
		6,351,384	B1	Daikoku et al.	02/26/2002	
		6,459,581	B1	Newton et al.	10/01/2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
		WO	99/21226	A1	Flip Chip Technologies, LLC	04/29/1999		
		JP	08-335774	A	Ibiden Co. Ltd.	12/17/1996		

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